



Engineering Services
City of Frisco, Texas

Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Ron Patterson, Assistant City Manager
Elizabeth Metting, P.E., Assistant Director/City Engineer
Jason Brodigan, P.E., Senior Civil Engineer

From: Michael Bulla, Special Projects Manager

Date: January 20, 2009

Subject: Consider and act upon authorization for the City Manager to execute Change Order Number 1 to the Standard Form Agreement for Construction Services by and between the City of Frisco and North Texas Contracting, Inc., for the construction of World Cup Way (Main Street to Frisco Square Blvd) (CIP 05-0024).

Action Requested: City Council consideration and approval of authorization for the City Manager to execute Change Order Number 1 to the Standard Form Agreement for Construction Services by and between the City of Frisco and North Texas Contracting, Inc., of Keller, Texas, in the amount of \$ 39,035.88, for the construction of World Cup Way (Main Street to Frisco Square Blvd).

Background Information: City Council awarded the \$641,045.50 bid for construction of World Cup Way between Main Street and Frisco Square Boulevard to North Texas Contracting, Inc., at the June 3, 2008 Council meeting. The project included the construction of approximately 650 feet of a two-lane undivided concrete roadway. It also included a right turn lane on Main Street, signalization, five foot sidewalks and barrier free ramps in compliance with Americans with Disabilities Act (ADA) guidelines.

This project is part of the Sustainable Development Project as sponsored by the North Texas Council of Government (NCTCOG). The NCTCOG is expected to reimburse 80% of the eligible expenses of the infrastructure project costs. The remaining 20% of eligible costs will be the responsibility of the Frisco Square Development Company as the local match contribution towards the project according to the terms of the Frisco Square Development Agreement. Invoices for all eligible

construction cost reimbursements will be submitted to the NCTCOG by the City for reimbursement.

Change Order Number 1 addresses issues resulting from an error establishing the elevations of control points provided by the design engineer. Elevations provided for constructing the improvements were calculated approximately 9-12" above the "correct" elevation to match existing conditions. As a result, two sanitary manholes and the subgrade must be adjusted downward to match the conditions in the field. The increase in cost to remove and replace a section of the sanitary manholes and reset the cone tops to the new elevation is \$3,100.00. The cost to re-grade the proposed roadway and remove the excess subgrade material is \$21,960.00.

Change Order Number 1 amends the contract quantities to allow for the installation of an additional 240-foot section of 12" water line. During the construction of Main Street Section 3 (Dallas North Tollway to BNSF), an existing 12" water line located under the new proposed pavement on the south side of Main Street was abandoned due to an additional conflict with storm sewer improvements at the west end of the project. As a result of this water line no longer existing at Main Street, an alternate connection had to be made to facilitate the looping of the water system installed with the World Cup Way Project. This additional 240-foot section of 12" water line will connect to the existing 12" water line stubbed out on the west side of the parking lot between World Cup Way and Coleman. The cost increase for replacing a panel of Main Street pavement and the additional 12" water line is \$9,660.50.

Change Order Number 1 adds an item to facilitate the construction of a temporary drive through the work zone during the Lone Star Story Telling Festival. In an effort to allow for normalized traffic patterns for school bus service during the festival, the contractor was asked to delay working within the limits of Frisco Square Boulevard and restore the area for heavy bus traffic. The costs associated with the construction and removal of the temporary drive is \$3,550.00.

This Change Order Number 1 also adjusts the required bonding amounts the contractor must pay to cover performance of the contract. These rates equal Two (2) percent of the total contract cost. The additional cost of this increase equals \$765.38.

Change Order Number 1 will increase the contract amount \$39,035.88 and add 15 days to the contract time.

Alternatives: The City Council could consider the following alternatives:

- City Council approval to authorize the City Manager to execute Change Order Number 1 to the Standard Form Agreement for Construction Services by and between the City of Frisco and North Texas Contracting, Inc. ;
- Input towards the discussion as desired;
- Deny approval to authorize the City Manager to execute Change Order Number 1 and send back to staff with direction.

Financial Considerations: A copy of Change Order Number 1 has been delivered to representatives of Frisco Square Development and they are in agreement with the changes to date. According to the terms of the Frisco Square Development Agreement, Frisco Square Development shall reimburse the City of Frisco for all ineligible construction costs, including the 20% local match for eligible construction costs.

Legal Review: Not Applicable

Supporting Documents: Supporting documents include the following items:

- Copy of Location Map;
- Copy of Change Order Number 1.

Staff Recommendation: Staff recommends authorizing the City Manager to execute Change Order Number 1 to the Standard Form of Agreement for Construction Services by and between the City of Frisco and North Texas Contracting, LP of Dallas, Texas, for the construction of World Cup Way (Main Street to Frisco Square Blvd) in the amount of \$ 39,035.88. Staff will be available during the meeting to address the City Council's questions relating to this agenda item.